



# BLU Studio 7.0 II Microphone Replacement

Replace the microphone in your device to let people hear you better during phone calls.

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## INTRODUCTION

This guide provides steps on how to replace the microphone for the BLU Studio 7.0 II.

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### TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [Heavy-Duty Spudger](#) (1)
  - [Precision Tweezers Set](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Soldering Station](#) (1)
  - [Phillips #000 Screwdriver](#) (1)
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## Step 1 — Back Cover



- Locate the seam between the black and silver pieces of the phone.
- Insert a plastic opening tool into the seam and firmly pry the black back piece away from the silver front piece.
- ⓘ To create the initial separation for the plastic opening tool, you may need to use either a spudger or metal spudger. If you use a metal spudger, be aware this can damage your phone if you aren't careful.


## Step 2



- Work your way around the edge of phone, firmly prying the pieces apart.

## Step 3



-  Once the back has been removed, you can snap the new one into place by pressing firmly around the edges with your fingers.

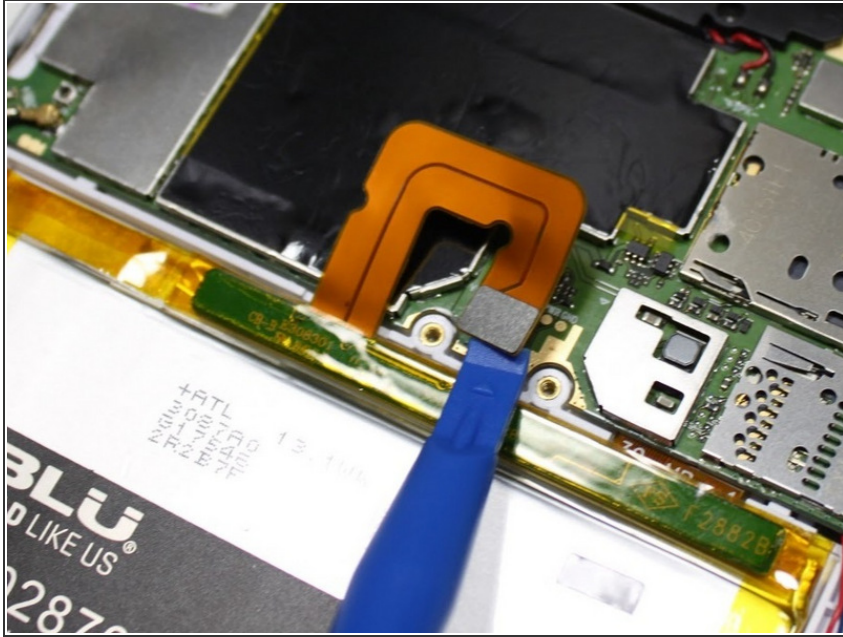


## Step 4 — Battery Connection



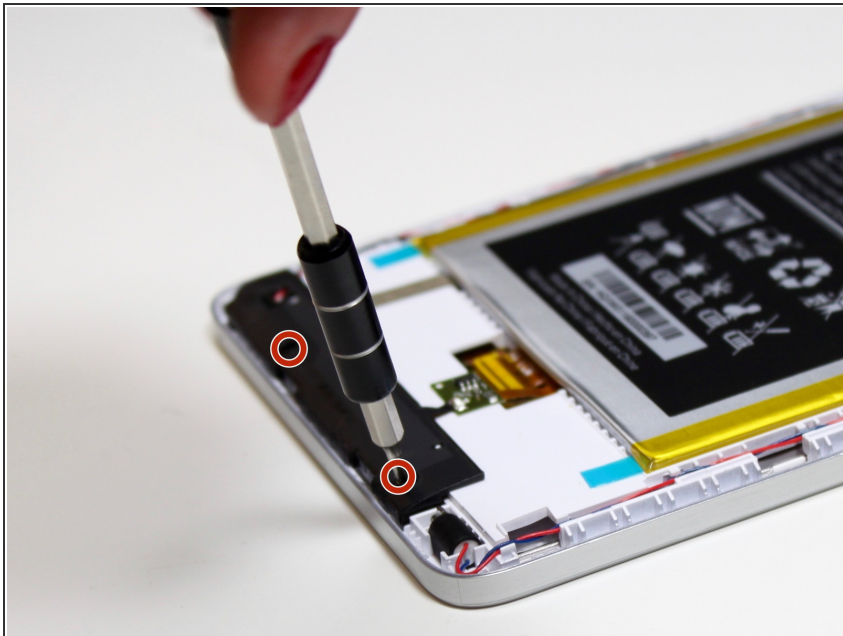
- Using the PH00 screw driver, remove the two 3mm screws.
- ⓘ These screws may be covered by small, round black stickers. Remove the stickers to continue.
- Remove the metal clip that connects the battery ribbon to the motherboard by lifting up. Precision tweezers work best for this part.
- ☑ Be sure to only grab the metal clip with the tweezers, not the connector underneath.

## Step 5



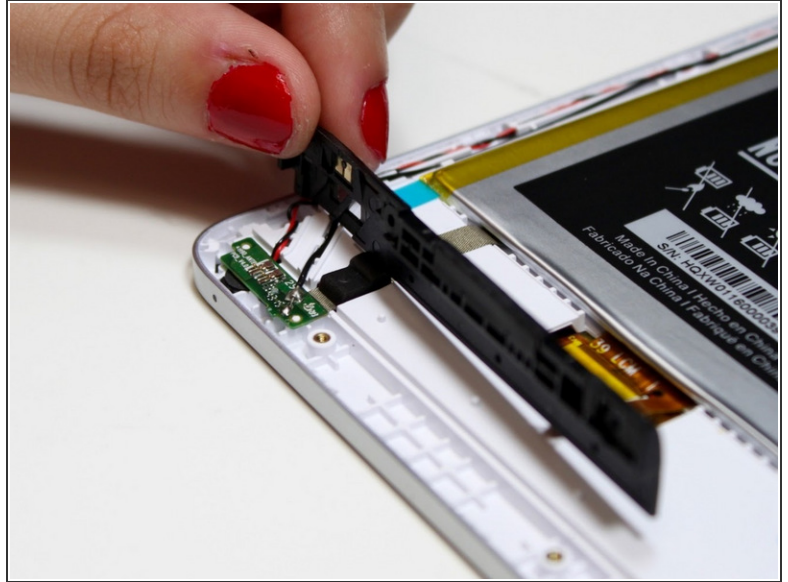
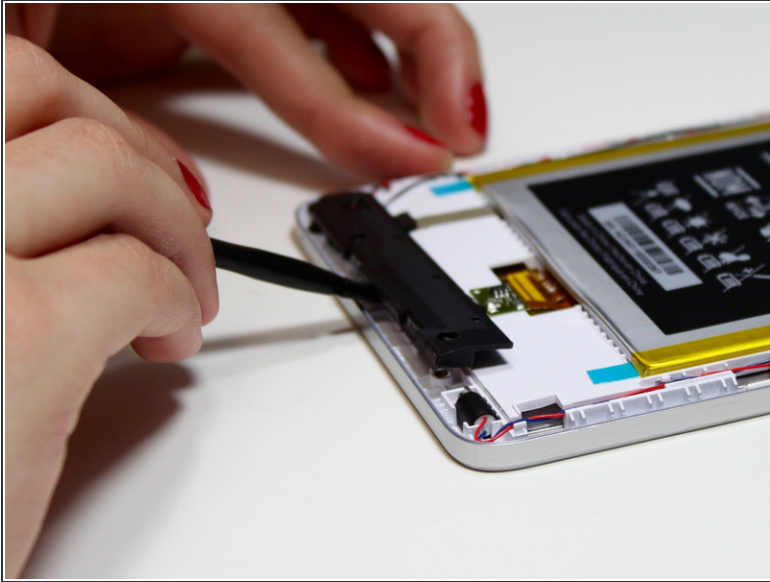
- Disconnect the battery connector using a plastic opening tool or the flat end of a spudger.

## Step 6 — Microphone




- Remove two 3mm screws from the bottom black panel.

## Step 7

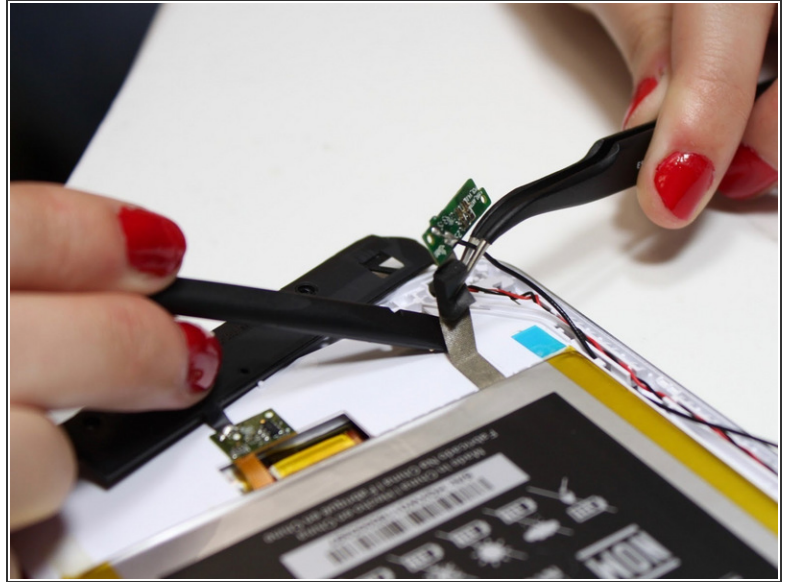


- Use the flat end of the black spudger to gently lift up the black plastic piece.
- Rest the plastic piece against the back of the phone.

 The black plastic piece is connected to the phone by a circuit ribbon. Be careful not to pull too hard or you may break this ribbon.

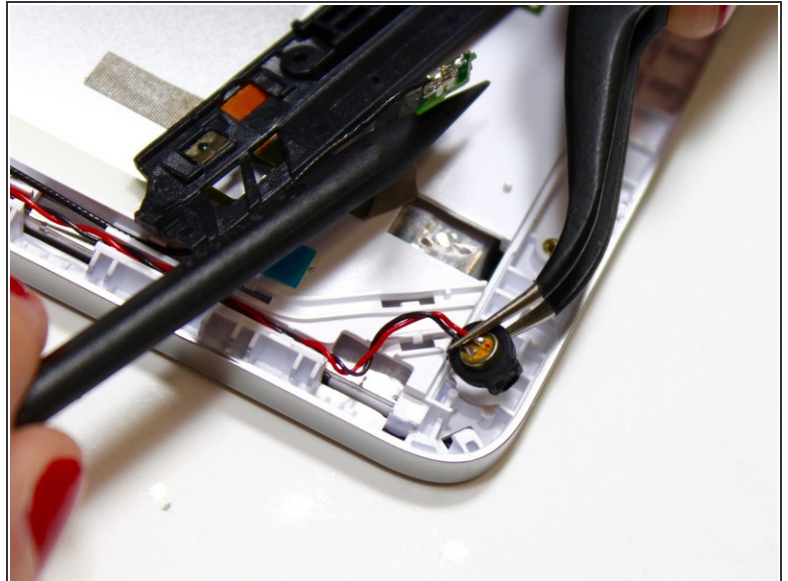
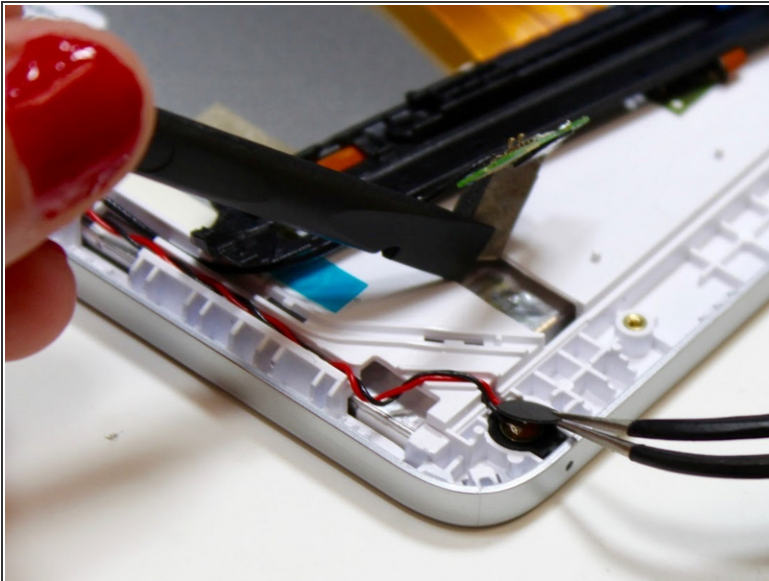


## Step 8



- Use the precision tweezers to grip the micro-circuit board. Lift straight up.
- ❗ The micro-circuit board is connected to the silver adhesive strip. You'll have to gently peel this strip back to get the micro-circuit board to move far enough to get to the microphone.

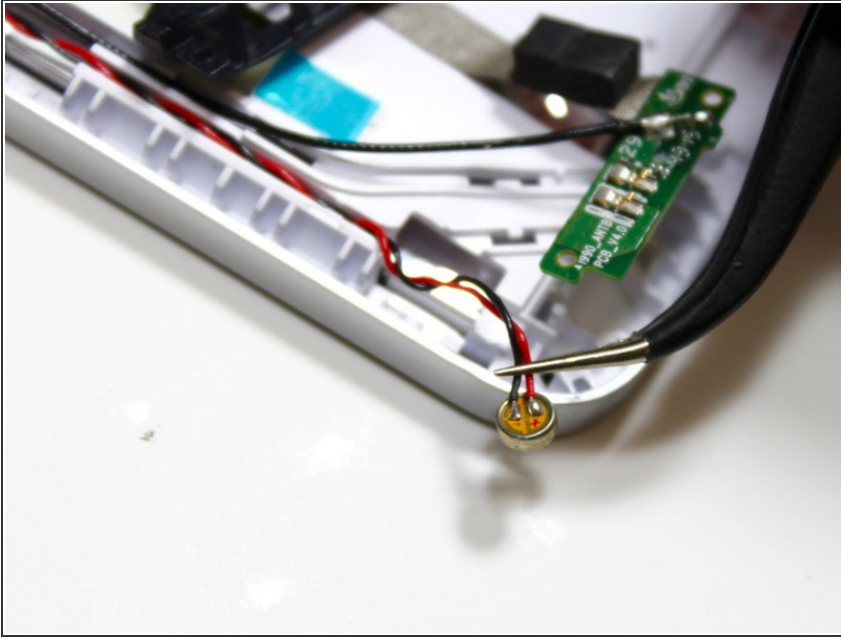
## Step 9



- Use the precision tweezers to grip the silicone around microphone and pull it from the plastic housing.



## Step 10



- The silicone around the microphone comes off easily; grip the red and black wires gently with either your fingers or a precision tweezer and use your other hand to pull off the black silicone piece.
- [Desolder](#) the contacts for the red and black wires to disconnect the microphone.
- ① For more information on soldering, view the [Soldering Wiki](#) page.

To reassemble your device, follow these instructions in reverse order.

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